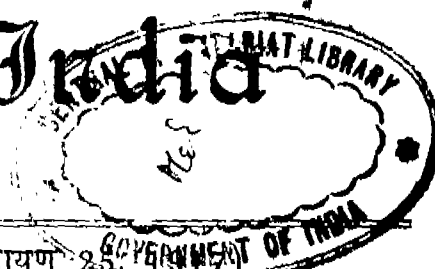




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 50] नई दिल्ली, शनिवार, दिसम्बर 16, 1995 (अग्रहायण 25, 1917)
No. 50] NEW DELHI, SATURDAY, DECEMBER 16, 1995 (AGRAHAYANA 25, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 16th December 1995

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Territories of Goa, Daman and
Diu and Dadra and Nagar Haveli.

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The States of Haryana,
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Telegraphic address "PATENTOFIC"

1-377 GI/95

Patent Office Branch
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu,
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Telegraphic address "PATENTOFIC".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय
एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 16 दिसम्बर, 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनकी प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोपी इस्टेट,
तीसरा तल, लोअर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालासाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एमिनिदिक् द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का विशेष क्षेत्र (1)

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अर्पित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

ध्यान :—स्वाकों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भतादेश अथवा डाकादेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान को सम्बंधित बैंक से नियंत्रक को भुगतान योग्य बैंक ह्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crecent bracket are the date claim-
ed under section 135, of the Patent Act, 1970.

13-9-1995

1100/Cal/95. Himont Incorporated. A process for produc-
ing a solid catalyst component which is capable
to form catalysts for the polymerization of ole-
fins. (Divided out of No. 244/Cal/91; ante-
dated to 26-3-91).

1101/Cal/95. F H Faulding & Co. Limited. Injectable com-
position. (Convention No. PL 6074; on
27-11-92; in Australia) (Divided out of No.
730/Cal/93; dated 26-11-93).

1102/Cal/95. Siemens corporate research, Inc. Autonomous
video-based aircraft docking system, apparatus,
and method. (Convention No. 08/308,249; on
19-9-94; in U.S.A.).

1103/Cal/95. Westinghouse electric Corporation. Railroad
truck. (Convention No. 08/304,954; on 13-9-94;
in U.S.A.).

1104/Cal/95. Ramesh Chander Nayar. Pressurized vessel
enclosed, Brayton power cycle. (Convention No.
08/403,130; on 13-9-95; in U.S.A.).

1105/Cal/95. Totalizator Agency Board. A combined tota-
lizer and fixed odds betting system and method.
(Convention on 13-9-94 No. PM8110; in Aus-
tralia).

14-9-1995

1106/Cal/95; Daewoo Electronics Co. Ltd. United Record-
ing/reproducing device. (Convention No. 92-
23112; filed on 14-9-94; in Korea).

1107/Cal/95. Edward Gronke. Sealing assembly for rotary
oil pumps and method of using same.

1108/Cal/95. Neste Oy. Process for preparing tertiary alkyl
ethers from an olefinic hydrocarbon feedstock.

1109/Cal/95. Dynapac Heavy Equipment AB. Road Roller.
(Convention No. 9403841-1; on 11-11-94; in
Sweden).

1110/Cal/95; CMS Gilbreth Packaging systems inc. Label-
ling machine. (Convention No. 08/308,243; on
19-9-94; in U.S.A.).

1111/Cal/95. Eli Lilly and company. Novel pharmaceutical
product. (Convention Nos. 08/308,325 & 08/
427,914; on 19-9-94; & 26-4-95; in U.S.A.).

1112/Cal/95. Siemens Aktiengesellschaft. Rack for plug-in
electric modules. (Convention No. P4434727.8;
on 28-9-94; in Germany).

1113/Cal/95. Staedler & UHL. Saw Tooth Fittings. (Convention No. P4436378.8; on 12-10-94; in Germany).

15-9-1995

1114/Cal/95. Daewoo Electronics Co. Ltd. Optical pickup device. (Convention No. 94-27373; on 26-10-94; in Korea).

1115/Cal/95. Daewoo Electronics Co. Ltd. Optical pickup device. (Convention No. 94-27372; on 26-10-94; in Korea).

1116/Cal/95. Siemens Aktiengesellschaft. Data Carrier Arrangement. (Convention No. P4435122.4; on 30-9-94; in Germany).

1117/Cal/95. Siemens Aktiengesellschaft. Portable data carrier arrangement which can be operated on a data bus. (Convention No. P4435121.6; on 30-9-94; in Germany).

1118/Cal/95. Siemens Aktiengesellschaft. Carrier arrangement for incorporation into a contactless smart card. (Convention No. P4435138.0 on 30-9-94; in Germany).

APPLICATION FOR THE PATENT FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110005

15-5-1995

876/Del/95. The Procter & Gamble Company, "U.S.A.," High PH Detergent Compositions Containing a peroxidase/accelerator system without linear alkylbenzenesulfonate." (Convention date 31st May, 1994) U.S.A.

877/Del/95. Carolina (Power & Light Company, "U.S.A.," method and apparatus for increasing the operational capacity and efficiency of a combustion turbine.

878/Del/95. Minerals Technologies, Inc., "U.S.A.," Dual surface treated filler material, method for its preparation and use in papermaking (Convention date 20 May, 1994) U.S.A.

879/Cal/95. Propel Partnership. "Israel." An auxiliary drive for pedal-driven road vehicles.

880/Del/95. Jens Korsgaard, "U.S.A.," Method and apparatus for mooring a vessel to a submerged mooring element. (Convention date 24th May, 1994) U.S.A.

881/Del/95. Motorola, Inc., "U.S.A.," Apparatus for remote memory management in an acknowledge-back selective call communication system.

882/Del/95. Motorola, Inc., "U.S.A.," Apparatus for controlling message transmissions in an acknowledge-back selective call communication system.

883/Del/95. Valeo Thermique Moteur. "France." A reinforced header plate for a heat exchanger.

884/Del/95. K.K. Surekha and Birag Surekha. "New Delhi," A method of manufacturing precision tubes and sections (Galvanized) by M.S. Flats/Bars.

16-5-95

885/Del/95. Krishan Kumar, "Khalsa Patiala," Virtuality Camera with viewer.

886/Del/95. Krishan Kumar, "Khalsa Patiala," Electronic Purse.

887/Del/95. Shashi Kanta, "Khalsa Patiala," 3-D, T.V. Transmission.

888/Del/95. Royal Building Systems (CDN) Limited "Canada." Housing system with structural cored hollow components. (Convention date 27th May, 1994) Canada.

889/Del/95. The Geon Company, "U.S.A.," Improved chromium catalyst and catalytic oxidation process.

890/Del/95. Warner-Lambert Company, "U.S.A.," Dynamic shaving system with integral push clean bar and spring member. (Convention date 1st July, 1994) U.S.A.

891/Del/95. Srimp Systems, L.L.C., "U.S.A.," Unitary vacuum bag for forming fiber reinforced composite articles and process for making same.

17-5-95

892/Del/95. Council of Scientific & Industrial Research, New Delhi, A process for chrome management in tannery sludge by incorporation in building ceramics.

893/Del/95. Council of Scientific & Industrial Research, New Delhi, "A process for Flux Binded Flyash Building Ceramics".

894/Del/95. Council of Scientific & Industrial Research, "New Delhi, An improved process for recovery of Gold from Aqueous pregnant solutions using the protein of "Strychnos Potatorum."

895/Del/95. ICI Canada, Inc., "Canada," Improved coating for ammonium nitrate prills.

896/Del/95. Motorola, Inc., "U.S.A.," Packet routing system and method therefor. (Convention date 31st May, 1994) U.S.A.

897/Del/95. Motorola, Inc., "U.S.A.," Satellite Telecommunication system with apparatus for protecting radio astronomy and method of using same. (Convention date 3rd June, 1994) U.S.A.

898/Del/95. Motorola, Inc., "U.S.A.," Satellite cellular communication methods for performing cell-to-cell hand off. (Convention date 1st June, 1994) U.S.A.

18-5-95

899/Del/95. The Procter & Gamble Company, "U.S.A.," Dye transfer inhibition system containing a peroxidase/accelerator system. (convention date 31st May, 1994) U.S.A.

900/Del/95. Alcatel Australia Limited, "Australia," An extended range TDMA system. (Convention date 8th June, 1994 and 21st March, 1995) Australia.

901/Del/95. Advanced Elastomer System, L.P., "U.S.A.," Soft thermoplastic elastomers having improved resistance to oil swell and compression set.

902/Del/95. Scapa Group Plc., "U.K.," Corrugator Fabric (Convention date 26th May, 1994) U.K.

903/Del/95. K. E. Khashoggi Industries "U.S.A.," Method for the extrusion of novel, highly plastic and moldable hydraulically settable compositions.

19-5-95

904/Del/95. Vimal Seth, "New Delhi," Magiceyes Electronics eyes for safety of vehicles.

905/Del/95. The Procter & Gamble Company, "U.S.A.," Soap-based laundry bars with improved firmness. (Convention date 12th May, 1995) U.S.A.

906/Del/95. Nippon Thermostat Co. Ltd., "Japan," Automatic starter for Engine. (Convention date 22nd July, 1994)

907/Del/95. Astra Aktiebolag, Sweden, "Novel 1, 1X-BIS (heteroazoly) alkane derivatives and their use as neuroprotective agents.

- 908/Del/95. The Gillette Company, "U.S.A." Combined two-part reducing agent/humectant shaving system for improved shaving comfort. (Convention date 23rd May, 1994) U.S.A.
- 909/Del/95. Mabuchi Motor Co. Ltd., "Japan," Miniature motor. (Convention date 23rd May, 1994) Japan.
- 910/Del/95. Mabuchi Motor Co. Ltd., "Japan," Miniature motore. (Convention date 25th May, 1994), Japan.
- 911/Del/95. Komal Chandra Vasaniya, "New Delhi," Process of manufacture of soap cake with interior shell.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W), BOMBAY-13

17-4-1995

- 175/Bom/95. Fintube Ltd. A process for producing strips from hot rolled rod.
- 176/Bom/1995. Real Value Appliances Ltd. A container assembly for preserving, storing and transporting of perishable goods in vacuum.
- 177/Bom/1995. Real Value Appliances Ltd. An electro mechanical pump assembly for evacuating air within containers of different heirs, width and shapes.
- 178/Bom/1995. Bojji Ananda Krishna. A prefabricated maintenance free track system for railways.
- 179/Bom/1995. Raghuvir Singh Hada. Solar Heater for cooking, water heating, transportation, navigation, power generation and like purposes.
- 180/Bom/1995. Kaustubh Madhusudan Bhagwat. An appliance for dehydration of mango/jackfruit chapati and other food items maintaining colour, flavour, taste and nutritive values intact.
- 181/Bom/1995. Hindustan Lever Ltd. U.K. Priority date 15-4-94. Storage cabinets.
- 182/Bom/1995. Kee Wai MA Australia Priority date 14-4-95. Super efficiency sprouts growing system.
- 183/Bom/1995. Mukesh Bhandari. An improved electrode connection in twin shell electric ARC furnace.
- 184/Bom/1995. Titeflex Corporation. Externally non-conductive hose assembly and method for preparing & such an assembly.
- 185/Bom/1995. Rajju Devidas Shroff. A fumigant dispenser for enclosed areas.
- 186/Bom/1995. Samir Sadashiv Palsuledesai. Particles size analyser.
- 187/Bom/1995. Avinash M. Solanki. New liquid oxygenates as substitutes or additives to liquid fuel.

18-5-1995

- 188/Bom/1995. Hindustan Ciba-Geigy Ltd. Perhaloalkoxy benzophenone hydrazones.
- 189/Bom/1995. Shriramwar Santosh. An innovative packaging product (more particularly known as 'Floppy Guard') for hardware and software items
- 190/Bom/1995. Prabha Engineering Pvt. Ltd. A motorised jack device.
- 191/Bom/1995. Kantilal Manilal Doshi. A device for continuously measuring and indicating accurately fuel consumption by an internal combustion engine particularly, that of an automobile.

- 192/Bom/1995. Rashtriya Chemicals & Fertilizers Ltd. A process for manufacturing a slow release urea fertilizer by nitrification inhibition.
- 193/Bom/1995. Dilip Shantaram Dahanukar. Mustard chill jam spread.
- 194/Bom/95. Dilip Shantaram Dahanukar. A process for manufacturing salad-chutney-jam spread.
- 195/Bom/1995. Dilip Shantaram Dahanukar. A device and process for low temperature instant sterilization of a food grains and the like.

18-4-1995

- 196/Bom/1995. C. Claridge & Co. Ltd. An improved moulded tray for the packing of fruits.

20-4-1995

- 197/Bom/1995. Anil Ramchandra Abhyankar. Power Tiller.

21-4-1995

- 198/Bom/1995. V. D. Hukerikar & M/s. HXN Motorenforschung GmbH. Fuel-less infinitely variable speed gyro-motor buses.

- 199/Bom/1995. Dr. Joshi Yeshwant Kashinath. A synergistic formulation for treatment of rheumatic diseases, immunodeficiency diseases and various forms of degenerative musculoskeletal diseases such as rheumatoid arthritis and osteoarthritis using the principles of Ayurveda.

24-4-1995

- 200/Bom/1995. Madhvendra Singh. Fluid less shock absorber.

25-4-1995

- 201/Bom/1995. Indian Oil Corporation Ltd. A high performance crankcase oil composition for medium speed diesel engines.

26-4-1995

- 202/Bom/1995. Vipin Champsey Shah. An improved power transmission for I.C. Engines.

27-4-1995

- 203/Bom/1995. Surendra Sakhamam Walke. Jacketed stainless steel evaporator for freezing on wheel.

- 204/Bom/1995. Jeevan Vishnu Apte. Improved combination choke for gas discharge lamps.

- 205/Bom/95. Ashok Sadashiv Kelkar. The device for the vehicle to conserve the energy of momentum at braking of speed and to harness it for immediate acceleration.

- 206/Bom/1995. Hindustan Lever Limited. Ice confections.

1-5-1995

- 207/Bom/1995. Bhabha Atomic Research Centre. A process for the preparation of a pectinolytic enzyme complex comprising polygalacturonase, pectin esterase and pectin Lyase from a new microbial strain of *Aspergillus niger* van Tiegh.

- 209/Bom/1995. Bhabha Atomic Research Centre. A process for the enzymatic liquefaction of unconventional fruits.

2-5-1995

- 210/Bom/1995. Hindustan Anti-biotics Ltd. A new purification process for cephalosporanic acid-G using ion-exchange resin.

3-5-1995

- 211/Bom/1995. Hindustan Lever Limited. Ice-cream coating fats.

- 212/Bom/1995. Hindustan Anti-biotics Ltd. A method for purification of D-amino acid oxidase from enzyme extract of *trigonopsis variabilis* cells.

4-5-1995

- 213/Bom/1995. Hindustan Lever Ltd. Method and apparatus for making soluble food or beverage granules.

U. K. Priority date 5-5-94

5-5-1995

- 214/Bom/1995 Dr. Ravindra Krishnaji Patwardhan and 20 others. International time indicating system.

9-5-1995

- 215/Bom/1995. Ajit Rajmachikar, Multi-purpose interchangeable sign board.

- 216/Bom/1995. Indian Petrochemicals Corporation Ltd. and Indian Institute of Technology. Pressure swing adsorption process for oxygen production for medical applications.

10-5-1995

- 217/Bom/1995. Phiroze Ardeshir Peston Jamas. An omnidirectional acoustid radiating device.

12-5-1995

- 218/Bom/1995. Leelavathi Hanumanthappa Thimmappa. A quarter turn valve actuator.

- 219/Bom/1995. Avinash Solanki. Pollution converted to motive power.

15-5-1995

- 220/Bom/1995. Pankajbhai Hiralal Patel. Electronic fuel pump use for motor vehicle.

- 221/Bom/1995. Prima Plastic Limited. A carry case.

- 222/Bom/1995. Bhavnagar University. Damping device for rotational vibrations involving magnetic fluid.

16-5-1995

- 223/Bom/1995. Rajan Bhogate. Novel computer keyboard with logical arrangement and unique grouping of keys and novel keying-in technique.

17-5-1995

- 224/Bom/1995. Mulchand Gangji Chheda. Kinetiser.

18-5-1995

- 225/Bom/1995. Kulkarni Sanjay Jayant. Compression type fitting.

19-5-1995

- 226/Bom/1995. Hindustan Lever Limited. Presser apparatus.

- 227/Bom/1995. Core Healthcare Limited. Temper proof pour top bottle and its cap closure.

- 228/Bom/1995. Ensign-Bickford company. A molded article having integral displaceable member or members and method of fuse.

- 229/Bom/1995. Hitesh Hasmukhlal Mehta. Disposable garbage bag.

ALTERATION OF DATE UNDER SECTION 16

175989

(17/Cal/93) antedated to 8th September, 1989.

175990

(37/Cal/93) antedated to 21st January, 1993.

175999

(367/Cal/93) antedated to 7th July, 1989.

176000

(790/Cal/94) antedated to 25th October, 1991.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of Patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि या उक्त 4 महीने की अवधि को समाप्त के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र-14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र के उपर्युक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतरराष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा कोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी जवाबगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है); फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 125B, 173 A B 179 G 175981

Int. Cl.⁴ : A 47 K 5/122, B 05 B 1/00.**A DISPENSING DEVICE FOR REMOVING DIRT PATCHES ON FABRICS.**

Applicant : RECKITT & COLMAN, OF 41 CHOWRINGHEE ROAD, CALCUTTA-700071, WEST BENGAL, INDIA.

Inventor : RAVI MANNATH.

Application No. 430/Cal/90 filed on 25th May, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

2 Claims

A dispensing device from which a liquid, such as liquid soap can be ejected or sprayed for application e.g. on patches of soiled or substrate areas on the fabric comprising a container for the cleaning material such as liquid soap, said container being made of material which can be compressed e.g. plastic, said container having a neck forming the outlet, a cap fitted on the said neck, said cap having a tubular nozzle body of smaller diameter than the cap snugly fitted in the latter and extending therefrom, said tubular nozzle body having at its top end small openings so that when the container is compressed the cleaning medium such as soap enters the said tubular nozzle body which has small openings and is discharged from the same in the form of spray and directed to the substrate area or the dirty patches i.e. soiled portions intended to be cleaned.

Compl. Specn. 9 pages

Drgns. 2 sheets

Cl. : 32F 175982

Int. Cl.⁴ : C 07 C 17/04, 19/08**PROCESS FOR PREPARING 1, 1, 1, 2-TETRAFLUOROETHANE.**

Applicant AUSIMONT S.R.L., 31, FORO BUONAPARTE MILAN-ITALY.

Inventors : (1) PAOLO CUZZATO (2) ANTONIO MASIERO.

Application No. 572/Cal/90 filed on 10th July, 1990.

Appropriate office for opposition proceedings (Rule 4 Patent Rule, 1972) Patent Office, Calcutta.

7 Claims

A process for preparing 1, 1, 1, 2-tetrafluoroethane which comprises reacting in the gas phase trichloroethylene with 1, 1, 1-trifluorochloroethane and anhydrous hydrofluoric acid, operating with a trichloroethylene/1, 1, 1-trifluorochloroethane molar ratio ranging from 5/95 to 50/50 and with a HF/(trichloroethylene + 1, 1, 1-trifluorochloroethane) molar ratio not lower than 3 in the presence of a catalyst comprising chrome trioxide carried on aluminium trifluoride and recovering the desired 1, 1, 1, 2-tetrafluoroethane in conventional manner.

Compl. Specn. 14 pages

Drgns. Nil

Cl. : 128 A B C 175983

Int. Cl.⁴ : A 61 H 11/00, 11/02**A BACK SUPPORT DEVICE.**

Applicant & Inventor : VICTOR TOSO, OF 2438 COMO AVE., ST. PAUL, MINNESOTA 55108, UNITED STATES OF AMERICA.

Application No. 872/Cal/89 filed on 19th October, 1989.

(Convention No. 8922135.2; dated 02-10-1989; in U.K.)

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

7 Claims

A back support device for supporting the lower back region of a user in a seated position comprising :

a pouch means being unfolded to form a generally rectangular supporting member having a length substantially spanning the width of the lower back of said user and a width substantially spanning the height of the lumbar portion of said user ;

a pair of elongated straps attached to each end and extending from each end of said unfolded pouch means; said straps forming loops and being of such a length to engage the knees of the user when the user is in a seated position ;

a buckle means lidably positioned on said straps along the opposite inner parts of the loops to hold the loops together such that sideward movement of the legs away from each other may be restricted while the user is in a seated position ;

whereby the force of the user's knees on said straps pulls said back supporting member against the lower back of said user enabling said user to sit upright comfortably for extended periods of time ;

and fastening means being provided along the sides of said unfolded pouch means for fastening up said pouch means in order to hold the straps therein.

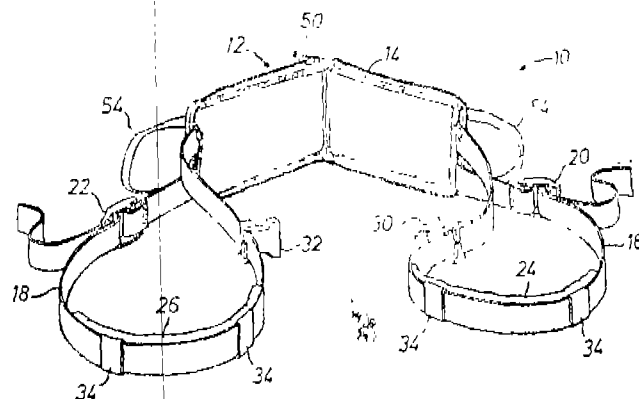


FIG. 1

Compl. Specn. 9 pages

Drgns. 4 sheets

Cl. : 195 E D 175984

Int. Cl.⁴ : F 16 K 21/02**HIGH-SPEED SOLENOID VALVE APPARATUS.**

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., OF JAPAN, OF 6-2, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : NOBUHIKO ICHIKI.

Application No. 1020/Cal/90 filed on 10th December, 1990.

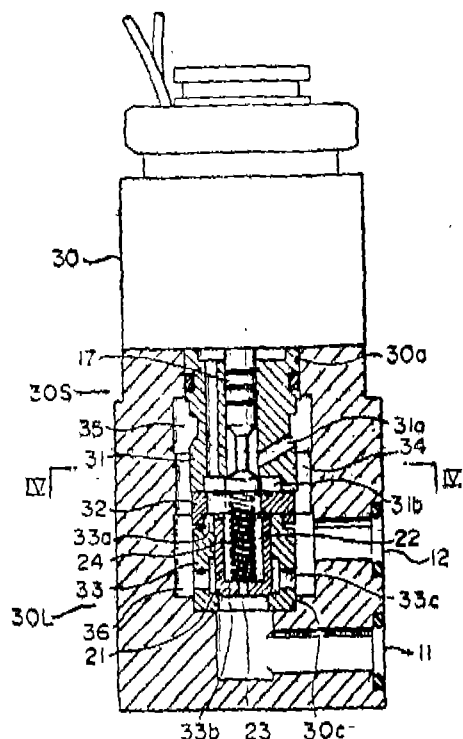
Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

4 Claims

A high-speed solenoid valve apparatus comprising a body (30) having a body inlet port (11) and a body outlet port (12), and a high-speed solenoid valve section (30S) and a logic section (30L) both disposed in said body, wherein said high-speed solenoid valve section comprises a solenoid valve outlet port (31a) communicating with said body outlet port (12), a solenoid valve sleeve (31) formed with a

solenoid valve inlet port (31b), and a spool (17) for opening and closing a communication path between said solenoid valve inlet port and said solenoid valve outlet port at a high speed in response to an electric signal, and wherein said logic valve section comprises a logic valve sleeve (33) guided by the inner wall of said body and having both a logic valve inlet port (33b) communicating with said body inlet port and a logic valve outlet port (33c) communicating with said body outlet port, a poppet (21) for opening and closing a communication path between said logic valve inlet port and said logic valve outlet port, a control chamber (22) formed in said poppet and communicating with said logic valve inlet port via a small-diameter penetration hole (23), a return spring (24) for applying a restoring force to said spool (17) and said poppet, and a plate (32) disposed between said solenoid valve sleeve (31) and said logic valve sleeve (33) and communicating between said control chamber and said solenoid valve inlet port the improvement in that said solenoid valve sleeve (31) and said plate (32) are directly guided by the inner wall of said body (30), said solenoid valve outlet port (31a) formed in said solenoid valve sleeve (31), and said solenoid valve sleeve, said plate and logic valve sleeve (33) disposed in a compact manner in said body.

Fig. 3



Compl. Specn. 15 pages.

Drngs 4 sheets

Cl. 144 E

175985

Int. Cl.: B 05 D 1/00, B 29 C 41/00.

PROCESS FOR PRODUCING A PLASTIC COATING ON THE PARTS OF METAL TUBINGS.

Applicant: HIMONT INCORPORATED, OF 2801 CENTERVILLE ROAD, NEW CASTLE COUNTRY, DELAWARE, U.S.A.

Inventors: (1) ROBERTO MARZOLA, (2) GIAN LUIGI RIGOSI.

Application No. 108/Cal/91 filed on 4th February, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

2 Claims

A process for producing a plastic coating on the parts of metal tubings where the original coating has been removed or damaged, by providing a coating on said parts or by causing patches or bands to adhere on said parts, characterized in that the coating material or the adhesive for patches or bands is an adhesive polymer composition comprising by weight:

- (A) from 59% to 94% of polypropylene, propylene/ethylene random or propylene/ethylene/1-butene random copolymer;
- (B) from 5% to 40% of an elastomeric polymer selected from ethylene/propylene rubber, ethylene/propylene/diene monomer rubber, hydrogenated styrene/butadiene/styrene block copolymers, styrene/butadiene/styrene block copolymers and ethylene/ethyl acrylate copolymers;
- (C) from 1% to 10% of polypropylene modified with 1% to 10% maleic anhydride, isophorone bismaleamic acid or acrylic acid; and
- (D) from 0% to 3% of carbon black:

said adhesive polymer composition being applied on the exposed surface of the metal tubing in the molten state or in form of a sublayer of a patch or a band comprising a top layer of a polyolefin material selected from the group consisting of polypropylene having an isotactic index upto 99%, optionally mixed with 5 to 40% ethylene/propylene rubber or ethylene/propylene/diene monomer rubber, and heterophasic compositions obtained by stereospecific sequential polymerization of propylene with ethylene or other olefins containing upto 40% by weight of ethylene, or being applied on the exposed surface of the metal tubing, followed by application of a patch or band of polyolefin material as previously defined, the exposed surface being optionally cleaned, covered with a primer and heated at 150°C—250°C before applying the adhesive polymer composition.

Compl. Specn. 19 pages

Drngs. Nil

Cl: 107 B XLVI(2)

175986

Int. Cl.: F 02 B, 9/02

IMPROVEMENTS IN TWO-STROKE INTERNAL COMBUSTION ENGINES WITH A COMPRESSION IGNITION OF DIESEL TYPE.

Applicant: S. N. C. MELCHIOR TECHNOLOGIE OF 3 RUE DE PARRIVEE, 75015, PARIS, FRANCE.

Inventors: (1) JEAN MELCHIOR, (2) THIERRY ANDRE, (3) BERNARD EDELMANN.

Application No. 171/Cal/1991; filed on 22nd February, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

7 Claims

Two-stroke internal combustion engine with a compression-ignition of diesel type, which comprises at least one cylinder (2) devoid of lateral ports and at least one piston (3) undergoing a reciprocating motion in this cylinder (2) and delimiting with the latter (2) and with a cylinder head (6) a variable-volume combustion chamber (7), said cylinder head (6) carrying at least one inlet valve (8) and at least one exhaust valve (10) respectively adapted to an air inlet pipe (9) and to an exhaust pipe (11) for exhaust gas, the axis of the or each inlet valve (8) making with the axis (X-X) of the cylinder (2) an angle (A) approximately between 30 and 60° so that the stem (12) of this valve (8) is at a greater distance from the axis (X-X) of the cylinder (2) than the head (13) of the valve (8), this head (13) being placed at the inner end of an at least partly cylindrical recess (14) of the cylinder head (6) into which recess

a fuel injector (15) discharges and whose depth increases in regular manner from the periphery toward the centre of the combustion chamber (7) without constituting a constriction toward the latter so that when this valve (8) is open, it allows flow only on about one half of its periphery in directing the air toward the piston (3), during the scavenging, along and in the vicinity of the generatrix (G) of the cylinder (2) the most remote from the exhaust valve or valves (10), the engine (1) being equipped with means for starting it up and operating it at low power,

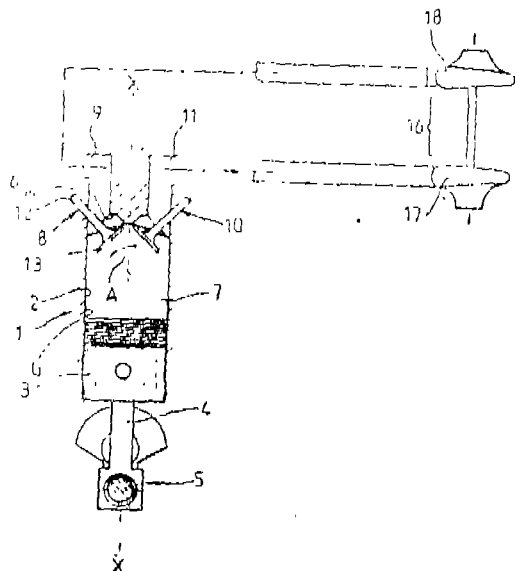
characterized in that :

— the exhaust valve or valves (10) are so arranged as to allow flow on at least the major part of their periphery ;

— the piston (3) cooperates with the ceiling of the cylinder head so as to leave, in the vicinity of top dead centre, only the required operational clearance between the piston (3) and the part of the ceiling of the cylinder head in which the exhaust valve or valves (10) is or are placed ; and

— said recess (14) is arranged to constitute practically alone the combustion chamber (7) when the piston (3) is in the vicinity of top dead centre.

Fig. 1



Compl. Specn. 19 pages.

Drgns. 5 sheets

Cl. : 32E-IX(1)

175987

Int. Cl.⁴ : C 08 K 5/10

C 08 9/06

A PROCESS FOR MAKING NOVEL BLOWING AGENTS AND ARTICLES MADE THEREWITH.

Applicant & Inventor : SANTANU ROY, OF 13, NANDA KUMAR CHOWDHURY LANE, CALCUTTA-700 006, WEST BENGAL, INDIA.

Application No. 200/Cal/1991 ; filed on 07th March, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

9 Claims

A process for the manufacture of Novel blowing agent which comprises reacting together spent liquor from paper and pulp industry obtained as an effluent therefrom and dialkyl salt of an aromatic acid, warming the reaction mixture to a temperature of about 50°—100°C about 30—45 minutes bringing down the temperature to approximately ambient

temperature and thereafter adding to the reactants a hydroxylated compound such as herein described and thoroughly mixing the entire mass of reactants to obtain the desired product.

Provn. Specn. 4 pages

Drgns. Nil

Compl. Specn. 17 pages

Drgns. Nil

Cl. : 65 B 2

175988

Int. Cl.⁴ : H 01 F 41/02

METHOD FOR MAKING PACKETS OF AMORPHOUS STRIP FOR TRANSFORMER-CORE MANUFACTURE.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD SCHENECTADY 12345, NEW YORK, UNITED STATES OF AMERICA.

Inventors : (1) WILLI KLAPPERT, (2) DAVID R. FREEMAN.

Application No. 410/Cal/1991 ; filed on 30th May, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

8 Claims

A method of making packets of amorphous metal strip adapted to be wrapped about the arbor of a transformer-core-making machine, each packet comprising a plurality of groups of strip, each group comprising many thin layers of strip, each layer having two longitudinally-extending edges at opposite sides of the layer and two transversely extending edges at opposite ends of the layer, the longitudinally-extending edges at each side of the layers of each group being substantially aligned and the transversely-extending edges at each end of the layers in each group being substantially aligned, said method comprising :

(a) providing a composite strip comprising many thin layers of amorphous metal strip stacked in superposed relationship,

(b) cutting said composite strip a first time to form a first-multi-layer section of predetermined length,

(c) cutting said composite strip a second time to form a second-multi-layer section of predetermined length, and

(d) substantially aligning said multi-layer sections to form from said substantially aligned multi-layer sections one of said group.

Compl. Specn. 22 pages.

Drgns. 3 sheets

Cl. : 136 E.

175989

Int. Cl.⁴ : B65B 3/02, 47/08

AN EXTRUSION HEAD APPARATUS FOR PRODUCING A TUBE.

Applicant & Inventor : BERND HANSEN, OF HEERSTR 16, 7166 SULZBACH-LAUFEN 2, WEST GERMANY.

Application No. 17/Cal/1993 ; filed on 12th January 1993.

(Divided out of No. 743/Cal/89 ; antedated to 8-9-1989).

Appropriate office for opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

8 Claims

An apparatus for producing a tube to make liquid filled receptacles of thermoplastic material, comprising :

extrusion head having at least one inner flow passage for supplying flowable thermoplastic material;

an extrusion slot in fluid communication with said flow passage, said extrusion slot-being an elongated annular opening adapted to a cross-sectional configuration of the tube with substantially straight longitudinal sides connected at adjacent ends thereof by short, curved sides;

a plurality of holes extending completely through the extrusion head apparatus and having bottom ends between said longitudinal sides of said annular opening;

longitudinally movable filler mandrels arranged in said bores; and

a plurality of flow control means for regulating thermoplastic material flow through said passage and selectively influencing flowing zones of the thermoplastic material flow in various longitudinal segments of said longitudinal sides of said annular opening, said flow control means including adjustment for means for independently adjusting at least some of said control means relative to the other control means, each of said flow control means being arranged in a selected position.

Compl. Specn. 13 pages

Drgns. 6 sheets

Cl.: 126-D 146-D

175990

Int. Cl.: G 01 R 19/00

APPARATUS FOR DETECTING DISTRIBUTION OF ELECTRIC SURFACE POTENTIAL.

Applicant: VICTOR COMPANY OF JAPAN, LTD. OF NO. 3-12, MORIYA-CHO, KANAGAWA-KU, YOKOHAMA, JAPAN.

Inventors: (1) ITSUO TAKANASHI, (2) SHINTARO NAKAGAKI, (3) TSUTOU ASAKURA, (4) MASATO FURUYA, (5) HIROHIKO SHINONAGA, (6) HIROMICHI TAI.

Application No. 37/Cal/1993; filed on 21st January, 1993.

(Divided out of No. 355/Cal/1989; antedated to 09th May, 1989).

Appropriate office for opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

2 Claims

An apparatus for detecting a distribution of a surface potential, comprising:

a plurality of sensing electrodes arranged in a line and subjected to voltages electrostatically induced in correspondence with a surface potential of the object which represents an optical image, the sensing electrodes scanning the object;

means for sequentially transferring time segments of output signals from the sensing electrodes to a common output line in a sequence corresponding to an order of arrangement of the sensing electrodes in the sensing electrode line, and thereby combining said time segments of the output signals from the sensing electrodes into a time series output signal corresponding to one scanning line and appearing at the common output line;

a reference member subjected to a surface potential corresponding to a black portion of the optical image, the reference member being scanned by the sensing electrodes;

means for storing the output signal as a reference signal when the reference member is scanned by the sensing electrodes; means for reading the reference signal and subtracting the reference signal from the output signal when the object is scanned by the sensing electrodes;

means for storing a data signal representing information related to a variation among operation characteristics of the sensing electrodes;

means for multiplying the data signal and an output signal from the subtracting means to compensate a variation among the operation characteristics of the sensing electrodes.

Compl. Specn. 57 pages.

Drgns. 18 sheets.

Cl.: 69 A-LIX(1)

175991

Int. Cl.: H 01 H 73/18

AUTOMATIC CIRCUIT-BREAKER IN PARTICULAR LINE OVERCURRENT CUT-OFF.

Applicant: LICENTIA PATENT-VERWALTUNGSGMBH OF THEODOR-STERN-KAI 1, D-6000 FRANKFURT AM MAIN 70, FEDERAL REPUBLIC OF GERMANY.

Inventors: (1) WERNER OSTERMANN, (2) JURGEN ORZECOWSKI.

Application No. 733/Cal/1990; filed on 23rd August, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

16 Claims

The automatic circuit-breaker with a casing accommodating the cut-out mechanism, the casing being made of insulation material, and with an arc-control device enclosed by the casing, this arc-control device has a pre-casing space flanking the contact arrangement, the pre-casing space has arc track helps for the passage of the arc from the contact point into an arc quench region, a stack of quench plates in particular, which again terminates the pre-casing space provided with arc track guards, expanding like a funnel from the contact arrangement to the quench plates, the termination of the pre-casing space being made at the side turned away from the contact point wherein the inner side areas (3a, 3b) of the casing (1) situated in the pre-casing space (3c) on at least one side area of the almost parallel to the plane of contact opening movement (contact lever 5b) are arranged starting from almost at the contact arrangement (5) and from there along the arc track guards (5a, 6, 7) adjacent webs (3d, 3e) made of insulating material, the side areas (3a, 3b) include the arc track guards (5a, 6, 7) upto a gap in the contact opening plane to the pre-casing space (3c) and at the same time from the sealing walls for the circuit-breaker mechanism (2), and wherein several columns or pins (3f) projecting from the base of the side areas (3a, 3b) in the direction of the contact opening plane in the remaining flow channel which constitute 5 to 10% of total area of the pre-casing space (3c) between the sealing walls (webs 3d, 3e, wall part 1e) are arranged almost uniformly distributed in such a way, that those effect a narrow side-wise guide of the arc (9) at minimum touching area with their front areas (3f') and in the interaction with the webs (3d, 3e) and wherein a large gas expansion space remains between the columns or pins (3f)—hereinafter indicated only as columns—in spite of the narrow guidance.

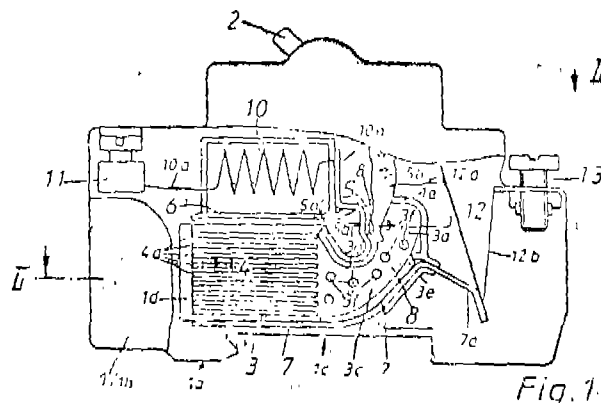


Fig. 1.

Compl. Specn. 18 pages.

Drgns. 1 sheet

Cl.: 63 B.

175992

8 Claims

Int. Cl.⁴: H 02 K 1/18.**STATOR OF MAGNETO GENERATOR.**

Applicant: MITSUBA ELECTRIC MANUFACTURING CO., LTD. OF 2681, HIROSAWACHO 1-CHOME, KIRYU-SHI, GUNMA, JAPAN.

Inventor: YUTAKA NOZUE.

Application No. 773/Cal/1990; filed on 7th September, 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rule 1972) Patent Office, Calcutta.

15 Claims

A stator of a magnetogenerator, comprising;

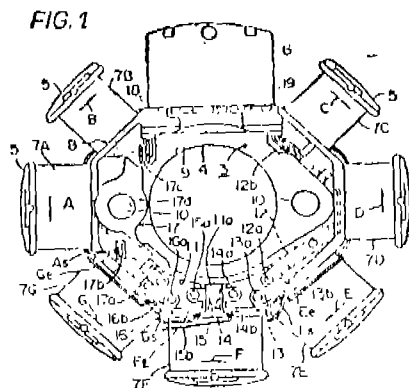
a plurality of stator poles (5) radially projecting from the outer periphery of a core body (3, 4) and spaced apart from one another on said core body;

an ignition power source coil (6) wound around one of said stator poles;

coils (7A-7G) for general loads wound around each of the other stator poles and on coil bobbins (8) attached to said other stator poles respectively;

a lead-line lead-out opening (11) in said core body at a position opposite to said ignition power source coil; and

a plurality of terminal members (12-17), each said terminal member having one end (12a-17a) arranged concentrically around said lead-line lead-out opening at one open end of said opening and having the other end (12b-17b) connected to the coil on a respective stator pole other than the stator-pole having said ignition power source coil wound thereon, said terminal members being insert-molded into a resinous portion formed integrally with said coil bobbins for electrical insulation from one another and from said core body.



(Compl. Specn 28 pages.

Drgns. 6 sheets)

Cl.: 40 I
70 E.

175993

Int. Cl.⁴: B 01 J 19/08.
G 01 N 25/00.**AN APPARATUS FOR DYNAMIC ELECTROTHERMAL ANALYSIS IN DYNAMIC GASFLOW ENVIRONMENT.**

Applicant: PROJECTS & DEVELOPMENT INDIA LTD. OF P.O. SINDRI, PIN 828122, DHANBAD, BIHAR, INDIA.

Inventor: DR. SHRI KRISHNA SHARMA.

Application No. 779/Cal/1990; filed on 11th September 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

An apparatus for dynamic electrothermal analysis in dynamic gas flow environment comprising a resistivity measuring circuit, a measuring head having at least two separate metallic electrodes with a pusher rod pressed by a metallic spring for low contact resistance at the contact faces of the sample, the analysis of which is to be made, a thermocouple for measuring the sample temperature, a metallic socket with outer gas flow tube having an inlet and outlet for introducing, if required, a gas from said socket, a heating chamber for continuously heating or cooling of sample, means for heating or cooling the said chamber, heat insulating material between the said chamber and outer casing of the said chamber, a metal tube within the heating chamber for electrical ground.

(Compl. Specn. 8 pages;

Drgns. 2 sheets)

Cl.: 131 A-2

175994

Int. Cl.⁴: E 21 B 47/06.**APPARATUS FOR MONITORING FLUCTUATING PRESSURE AND TEMPERATURE OF A DOWNHOLE FLUID IN A BOREHOLE.**

Applicant: BAROID TECHNOLOGY, INC. OF 3000 NORTH SAM HOUSTON PARKWAY EAST, HOUSTON, TEXAS 77032, UNITED STATES OF AMERICA.

Inventor: KENNETH LEE PERALES.

Application No. 886/Cal/1990; filed on 17th October 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

19 Claims

Apparatus for monitoring fluctuating pressure and temperature of a downhole fluid in a borehole at a desired depth, the apparatus comprising;

a tube positioned within the borehole and having a flow path extending continuously from the surface to the desired depth in the borehole;

a housing suspended in the borehole and defining a chamber in fluid communication with both the downhole fluid and the flow path in the tube;

a pressurised test fluid source at the surface for initially pressurising the flow path in the tube and a portion of the chamber in the housing with a selected fluid to form an interface of the selected fluid and the downhole fluid within the chamber;

a temperature sensing line positioned within the flow path of the tube and extending from the surface toward the housing in the borehole;

a manifold at the surface for sealing the selected fluid within the flow path, the manifold having an input port sealingly receiving the tube and temperature sensing line, a temperature sensing line exit port for directing the temperature sensing line from the manifold while sealing the selected fluid within the manifold and having a fluid exit port for directing the pressurised selected fluid from the manifold;

a pressure monitoring device at the surface and in fluid communication with the fluid exit port of the manifold for monitoring fluid pressure of the selected fluid to determine downhole fluid pressure at the desired depth; and

a temperature monitoring device at the surface for receiving the temperature sensing line extending from the manifold and monitoring the temperature of the downhole fluid in the borehole.

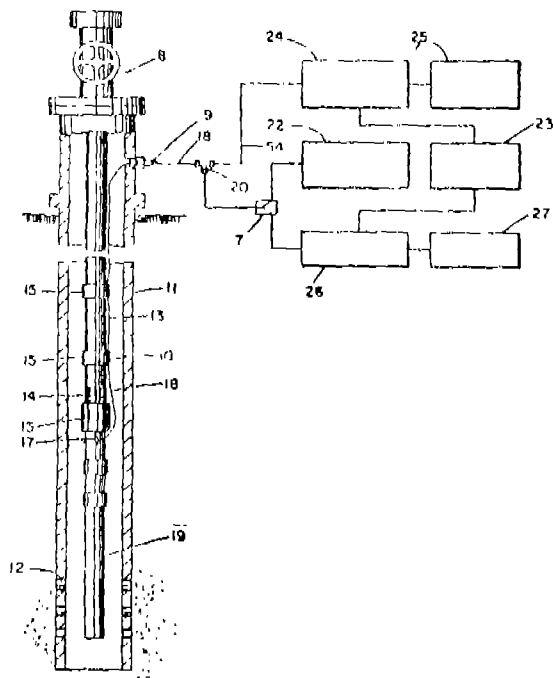


FIG. 1

(Compl. Specn. 28 pages;

Drgns. 3 sheets)

Cl.: 185 C D 4

175995

Int. Cl.: A 23 F 3/22, 3/00.

IMPROVEMENT IN OR RELATING TO AN APPARATUS FOR WITHERING OF TEA LEAVES.

Applicant & Inventor: SOMNATH ROY OF 229 B.N. ROAD, CALCUTTA-700 060, STATE OF WEST BENGAL, INDIA.

Application No. 94/Cal/1991; filed on 30th January 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

7 Claims

An improved apparatus for withering of tea leaves comprising a closed chamber defining a trough divided into an upper chamber and a lower chamber by means of a perforated bed extending along the length of the trough having an inlet end and an outlet end for the passage of conditioned air with induced flow for treating the tea leaves deposited on said perforated bed, at least one expansion duct provided at the outlet of the trough, said expansion chamber having generally a frusto-conical section with a single disposable damper and an axial flow fan, a mixing or stabilizing chamber open at one end to the atmosphere and the other end communicating with the said chamber of the trough having a plurality of fistail jet for supply of hot air, a perforated screen provided in association with the said fistail jets for an even distribution of the conditioned air, a plurality of flaps or doors located after the said perforated screen for blocking the flow of conditioned air into said trough when not required, a plurality of louvres provided with the said upper and the lower chambers of said trough formed into one group operated independently and having a moistured bedding damper in associating with the said two groups of louvres characterized in that said fistail jets are provided on a plurality of hot air ducts extending within said mixing chamber, said plurality of hot air ducts being positioned in a manner such that each row of said ducts are in separate alignment with respect to other rows, said fistail jets being positioned also in a staggered manner along the length of the said duct within said mixing chamber and positioned perpendicular to each other with respect to the axial plane passing through each duct.

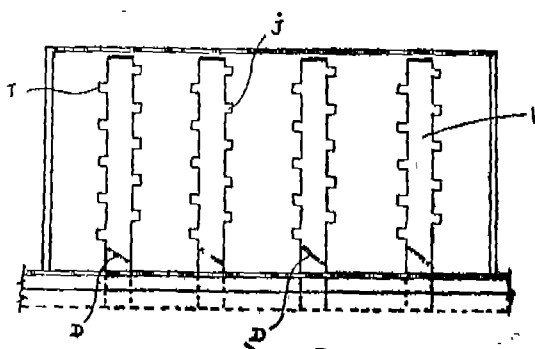
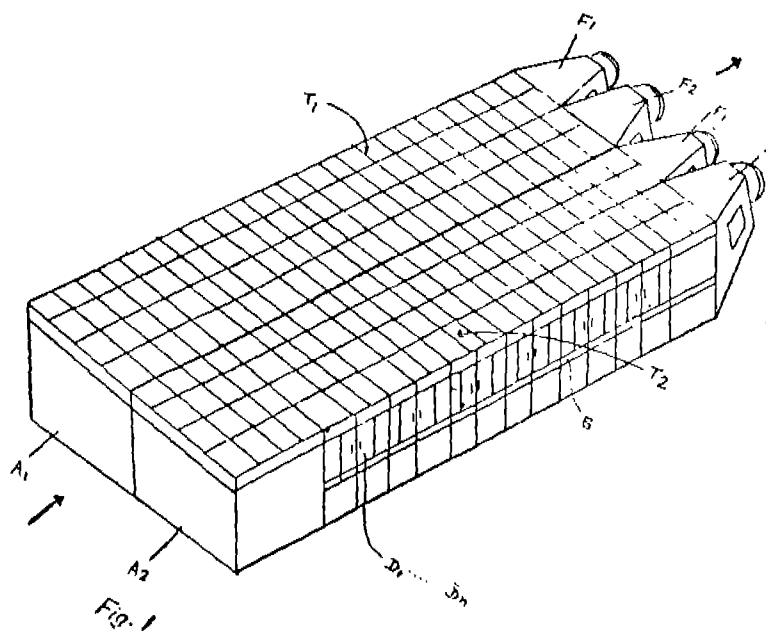


Fig. 3

(Compl. Specn. 18 pages;

Drgns. 3 sheets)

Cl.: 88 C D

175996

Int. Cl.: F 23 Q 2/00, 2/28

LIQUEFIED GAS KITCHEN LIGHTER.

Applicant: FLAMAGAS S.S., OF SALES I FERRIER 7, 08026-BARCELONA, SPAIN.

Inventor: FRANCISCO XAVIER LLOVERAS CAPILLA.

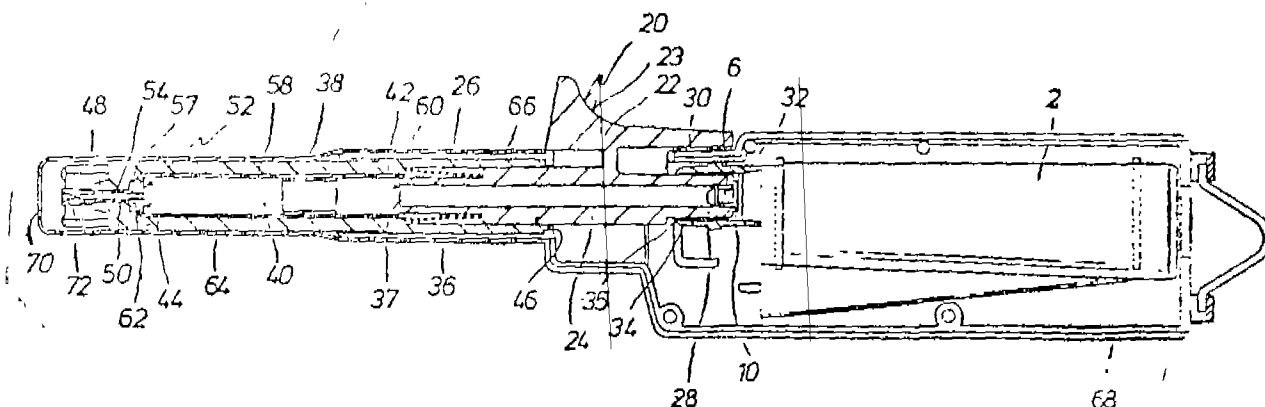
Application No. 132/Cal/91 filed on 12th February 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

19 Claims

Liquefied gas kitchen lighter comprising a gas reservoir (2) with a gas exhaust chimney (6); a gas flow valve (3); actuating means (20) for said valve (3) movable between a first

closed position and a second open position; a resilient means (26) urging said actuating means (20) to said first position; an accessible push button (22) fixedly attached to said actuating means (20); an impact piezoelectric generator (40) having a front end (42) adjacent the reservoir (2) and a rear end (44) opposite to said front end (42); a metal burner (52) having an internal axial passage (54) with an end outlet (56) a container tube (38) and an external metal shield (64), characterized in that said actuating means (20) comprises a straight tubular member (24) which is generally coaxial with said container tube (38), which is straight, contains said piezoelectric generator (40) and partly contains said burner (52), with the interior of said tubular member (24), the interior of the container tube (38) and the burner (52) forming a flow passage of the gas from the exhaust chimney (6).



(Compl. Specn. 14 pages;

Draws. 2 sheets)

Cl.: 80 J

175997

Int. Cl.: B 01 D 39/16.

TUBEWELL STRAINER OR FILTER.

Applicant & Inventor: BIREN DAS GUPTA, 19, SHYAMA PALLI, CALCUTTA 700032, WEST BENGAL, INDIA.

Application No. 195/Cal/91 filed on 5th March 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

9 Claims

Tubewell strainer or filter comprising a vertically disposed metal or thermoplastic slotted pipe provided with a series of hole slots on its body, the top and the bottom ends of the said pipe being provided with screw threads to which are screw fitted a socket and a plug respectively, a series of permeable or percolation cylinder blocks of thermoplastic material are mounted around the said slotted pipe placed on above the other, a flange is screw fitted on the slotted pipe just below the top screw threads and a second flange is screw fitted just above the bottom screw threads wherein, a each cylinder blocks is provided with a plurality of slits for percolation of water therethrough characterised by that—

- (a) each said cylinder block is provided on its inner wall with a series of vertical ribs to create an annular gap between the cylinder blocks and the slotted pipe, and

- (b) the said slits are cone-shaped, the cone converging from the inner surface to the outer surface, thereby having slits narrower on the outside and wider on the inside of the cylinder block.

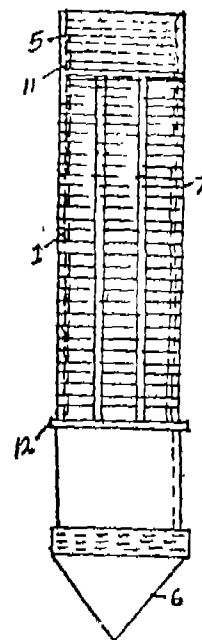


FIG-1

(Compl. Specn. 10 pages;

Draws. 2 sheets)

Cl.: 83 A 2

175998

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

Int. Cl.: A 23 G 9/02.

A METHOD OF PREPARING ULTRA HIGH TEMPERATURE PROCESSED ICE CREAM MIX WHICH REMAINS STABLE AT AMBIENT TEMPERATURE FOR A CONSIDERABLE PERIOD.

Applicants (1) DR. (MS.) AMRITA PATEL, OF BLOCK DK, SECTOR 11, SALT LAKE CITY, CALCUTTA 700091, WEST BENGAL, INDIA.

WEST BENGAL, INDIA. (2) NATIONAL DAIRY DEVELOPMENT BOARD, OF CITY OF ANAND, STATE OF GUJARAT, INDIA.

Inventors :

- (1) DR. DINESH KUMAR SHARMA.
- (2) MANI KOTH PRASANTH.

Application No. 333/Cal/93 filed on 15th June 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

14 Claims

A method of preparing ultra high temperature processed ice cream mix, which remains stable at ambient temperature for a considerable period (say about 12 weeks), and which is suitable for use as ice cream, kulfi, ice dessert and the like on being cooled/frozen, the said method comprising:

- (a) mixing together standardised milk known in the art, skimmed milk, skimmed milk powder, of the cow and/or the buffalo, to obtain a homogenous mixing thereof;
- (b) dissolving 0.4% to 0.5% of the total volume of emulsifier-cum-stabiliser such as herein described, 0.15% to 0.2% of the total volume of stabilising salts such as herein described, and the required quantity of sugar in the said homogeneous mix, followed by the addition of cream and flavouring material, according to the requirement to obtain an ice cream mix;
- (c) heating the mix, so obtained from step (b), to 50° to 60°C, and homogenising the same at 100 bar in a first stage, and at 50 bar in a second stage, followed by cooling of the homogenised mix to 5° to 10°C, and keeping the same at the said temperature for a period of 4 to 8 hours, for the purpose of ageing;
- (d) processing the aged mix, so obtained from step (c), in an ultra high temperature processor having a pre-steriliser section where the said mix is heated to 45° to 50°C, an upstream section where the heated mix is homogenised at 100 bar, held at 143°±1°C and a downstream where the said mix is homogenised at 30 bar; and
- (e) cooling the mix so obtained from step (d) to 35° to 37°C, followed by packing of the mix, as desired.

(Compl. Specn. 17 pages;

Drgns. Nil)

Cl.: 40 B

175999

Int. Cl.: C 08 F 4/42.

PROCESS FOR PRODUCING NOVEL METALLOCENE CATALYST FOR PRODUCING SYNDIOTACTIC POLY-OLEFINS BY POLYMERISING OLEFINS.

Applicant: FINA TECHNOLOGY, INC., OF DALLAS, TEXAS 75221, UNITED STATES OF AMERICA.

Inventors :

- (1) JOHN ANDREW EWEN.
- (2) ABBAS RAZAVI RUE DE.

Application No. 367/Cal/93 filed on 28th June 1993.

(Divided out of No. 531/Cal/890; antedated 07-07-1989).

10 Claims

A process for preparing a bridge metallocene catalyst for polymerizing olefin to form syndiotactic olefin described by the formula R" (CP) (CPR'm) MeQk wherein Cp is cyclopentadienyl and (CPR'm) is a substituted cyclopentadienyl ring; each R'm is the same or different and is a hydrocarbyl radical having 1-20 carbon atoms; R" is a structural bridge between the Cp rings imparting stereorigidity to the catalyst; Me is a group 4b metal from the periodic table of elements; each Q is a hydrocarbyl radical having 1-20 carbon atoms or is a halogen; K=2; 1≤m≤4; and wherein R'm is selected such that (CpR'm) is a sterically different ring than (Cp); which comprises:

- (a) contacting a cyclopentadiene or substituted cyclopentadiene with fulvene or a substituted fulvene under reaction conditions as herein described to produce a bridged dicyclopentadiene or substituted dicyclopentadiene, and
- (b) contacting said bridged dicyclopentadiene or substituted dicyclopentadiene with a metal compound of the formula MeQk under reaction conditions as herein described to complex the bridged dicyclopentadiene or substituted dicyclopentadiene with the metal compound to produce a bridged metallocene, wherein Me is a group 4b, metal from the periodic table of elements, each Q is a hydrocarbyl radical having 1-20 carbon atoms or is a halogen K=2; 1≤m≤4.
- (c) and if necessary precontacting the metallocene catalyst with a Co-Catalyst at a mole ratio of Co-Catalyst; Catalyst from 60:1 to 15600:1 wherein the co-catalyst is selected from alumoxane represented by the general formula (R-Al-O) in the cyclic form and R (R-Al-O)₂-Al(R)₂ in the linear form wherein R is an alkyl group with 1 to 5 carbon atoms and n is an integer from 1-20.

(Compl. Specn. 30 pages;

Drgns. 4 sheets)

Cl.: 32 C

176000

Int. : Cl.: C 08 K 11/00.

A PROCESS FOR MAKING POLYMERIC FOAM BODIES HAVING INDUSTRIAL APPLICATIONS FROM CELLULOSIC WASTE MATERIALS.

Applicant & Inventor: SANTANU ROY, OF 13, NANDA KUMAR CHOWDHARY LANE, CALCUTTA-700006, WEST BENGAL, INDIA.

Application No. 790/Cal/94 filed on 28th September 1994.

(Divided out of No. 200/Cal/91; antedated 25-10-1991).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

14 Claims

A process for making polymeric foam and cellular elastomer bodies from a reaction mixture comprising an organic polyisocyanate compound and a compound having at least one active hydrogen atom, which process resides in mixing with the said reaction mixture a novel blowing agent prepared

by a process as described herein and allowing foaming reaction to take place to produce foam material(s) of desired texture and consistency, optionally in the presence of at least one ingredient selected from the group of catalysts, surfactants, plasticizers, fillers, reinforcing agents and adjuvants and, if desired, converting the foam products to useful articles of commerce, the reacting ingredients being such as herein described.

(Compl. Specn. 31 pages;

Drgns. Nil)

RENEWAL FEES PAID

157559 157917 158081 158487 158910 159035 159045 159373
159374 159468 159475 159817 159928 160058 160063 160064
160284 160287 160459 160688 160773 160813 160951 161128
161137 163621 163622 163911 164174 164315 164431 164590
165040 165253 165258 165677 165992 166091 166100 166101
166104 166185 166223 166431 166517 166722 166735 166736
166970 167496 167518 167913 167992 168293 168308 168371
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170651 170769 171698 172017 172290 172318 172362 172363
172367 172534 172543 172547 172548 172624 172639 172652
172656 172744 172757 172760 172769 173010 173323 173330
173340 173431 173495 173497 173526 173529 173530 173551
173558 173563 173568 173621 173625 173626 173627 173630
173868 173939.

PATENT SEALED ON 17-11-95

172669*F 172853 172858*D 172880 173386 174747 175091*
175092 175093 175094 175095 175096 175098* 175099*D
175100*D 175101 175102 175103 175105*D 175106*D
175108 175109*D 175110*D/F 175111 175113 175114
175118 175120 175121* 175123 175124* 175125 175126*
175128*F 175129*D 175131 175132 175136*.

CAL-05, DEL-15, BOM-NIL, MAS-18.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the patents Act, 1970 from the date of sealing.

D—Drug patents, F—Food patents.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by American Home Products Corporation, a corporation organised and existing under the laws of the state of Delaware, U.S.A. of five Giralda farms; Madison, New Jersey-07940, U.S.A. in respect of application for Patent No. 173208 as advertised in Part III, Section 2 of the G.O.I. on 5th August, 1995 towards change of address from 685, Third Avenue, New York, New York 10017, U.S.A., no opposition being filed within the stipulated period the said amendment has been allowed.

CESSATION OF PATENTS

164040 164044 164109 164123 164126 164127 164141 164154
164156 164158 164164 164168 164173 164175 164181 164188
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164966 164974 164983 164984 165003 165018 165033 165035
165060 165065 165093 165106 165107 165132 165139.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170622 granted to Vidriera Argentina S.A. for an invention relating to "a process for the continuous coating of colorless or mass-colored glass and an apparatus for carrying such Process". The patent ceased on the 20th February 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th June 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 16-2-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 168048, Remi Electronic Udyog Limited, a company incorporated and existing under the Companies Act, 1956, having office at 52 Mittal court "A", Nariman Point, Bombay 21, Maharashtra, India, "TABLE FAN", 5th September 1994.

Class 3. No. 168421, Bharat Plastic Industries of 5/16, Ashirwad Industrial Estate, Ram Mandir Rd., Goregaon (W), Bombay 4, Maharashtra, India, an Indian partnership firm, "GI ASS", 23rd November 1994.

Class 3. No. 168863, Anand International of 23, Piramal Indl. Estate No. 4, Goregaon (W), Bombay 62, Maharashtra, India, Indian partnership firm, "BALL PEN", 28th February 1995.

Class 3. No. 166898, Jalaram Palstic Industries, 10, Deven Ind. Estate, I.B. Patel Rd., Goregaon East, Bombay 63, Maharashtra, India, proprietary concern, "LJD OF MIXER GRINDER JAR", 28th February 1994.

Class 3. No. 166895, Jalaram Plastic Industries, 10, Deven Ind. Estate, I.B. Patel Rd., Goregaon East, Bombay 63, Maharashtra, India, proprietary concern, "MIXER GRINDER BODY", 28th February 1994.

Class 4. No. 168058, Nanora Distilleries, an Indian sole proprietor's firm carrying on business at D3-26 Industrial Estate, Tivim-Goa 403526, India, "BOTTLE", 7th September 1994.

Class 5. No. 167884, Richard C. Wareham, American national having office at 3628 W. Pierce St., Milwaukee, WI 53215-1030, United States of America, "SOLAR COOKER", 10th August 1994.

Class 10. No. 169244, Bata India Limited, Manufacturer and trader of footwear, 30, Shakespeare Sarani, Calcutta 700017, West Bengal, India, "A FOOTWEAR", 31st May 1995.

Class 13. No. 168212 to 168214, JPC, E-28, Connaught Place, New Delhi 110001, India, an Indian partnership firm, whose partners are Varun Sharma and Mrs. Tokie Sharma of the above address, all Indian nationals, "HORSE RIDING PANT", 6th October 1994.

Class 14. No. 167618, The Khatau Makanji Spinning & Weaving Co. Ltd., Laxmi Building, 6, Shoorji Vallbhdas Marg, Bombay 38, Maharashtra, India, "PRINTED CLOTH", 10th June 1994.

Class 14. No. 167554, The Khatau Makunji... "PRINTED CLOTH", 24th May 1994.

R. A. ACHARYA

Controller General of Patent, Design & Trade Marks

प्रबन्धक. भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मुद्रित
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